

For Research Use Only

# CoraLite® Plus 488-conjugated DDX23 Recombinant antibody

Catalog Number: CL488-85763-4



## Basic Information

### Catalog Number:

CL488-85763-4

### Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0258

### GenBank Accession Number:

BC002366

### GeneID (NCBI):

9416

### UNIPROT ID:

Q9BUQ8

### Full Name:

DEAD (Asp-Glu-Ala-Asp) box  
polypeptide 23

### Calculated MW:

96 kDa

### Observed MW:

96-100 kDa

### Purification Method:

Protein A purification

### CloneNo.:

243147B4

### Recommended Dilutions:

IF/ICC: 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human, mouse

### Positive Controls:

IF/ICC : U2OS cells,

## Background Information

DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23, synonyms: prp28, MGC8416, U5-100K) is a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX23 is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing.

## Storage

### Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

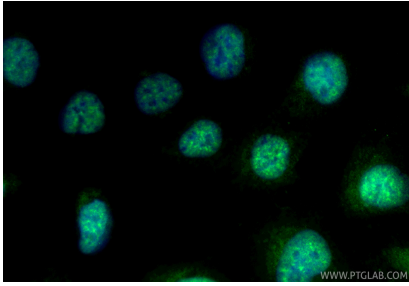
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 DDX23 antibody (CL488-85763-4, Clone: 243147B4 ) at dilution of 1:200.